Official Undergraduate News Organ of Technology

Vol. XLV No. 56

CAMBRIDGE, MASS., MONDAY, NOVEMBER 23, 1925

Five Cents

## Musical Clubs Broadcast Program Tomorrow Night

## **TO BE BROADCAST** THROUGH HERALD-TRAVELER STATION

Play at the Hotel Brunswick-Program Goes by Wire To Springfield

O. B. DENISON WILL TALK

#### Alumni Secretary to Introduce The Clubs With Opening Address

Tomorrow night from 9 o'clock to 10:20 the Musical Clubs will broad-Springfield, Mass. The clubs will play at the Hotel Brunswick, and the program will be sent by wire to Springfield where it will go on the air at the Herald-Traveler broadcasting sta-

O. B. Denison '11, Alumni Secretary, will give an address just before the start of the broadcast. This address by "Denny" is an annual affair and gives him an opportunity to say a few words to the Alumni and to give them a brief account of the work going on at Technology.

Mancha Leads Banjos

Under the leadership of Raymond Mancha, Jr., '26, the Banjo Club will play their program consisting of choruses of several of the popular dance numbers. Due to copyright laws some of the pieces will have to be omitted as a few publishers do not allow the broadcasting of their numbers.

Next will be a selection by the Glee Club under the leadership of F. W. Schreiner '26. Following this will be a trombone solo by F. W. Keith '27 who is trombonist with the Tech Show Orchestra.

After the trombone solo the banjo club will again play, followed by a vocal duet. D. S. Cunningham '26 will lead the mandolin club in "O Sol Fifty Men Hear Broadcast Of "Dawning," and "A Gypsy Love Song." D. A. Shepard '26 and Raymond Mancha, Jr. '26, will give a banio duet. This is the first that these two men have played their duet in public this year. Last year this specialty was one of the most popular acts.

Techtonians Will Play

The Techtonians, under the leadership of M. M. Fire '26, will play a specially arranged number of the "Waters of Minnetonka" together with special (Continued on Page 4)

## STOLEN OVERCOAT MYSTERY SOLVED

The mystery of disappearing over coats in the Walker Memorial Dining Hall was solved with the arrest Saturday afternoon of a man registered as a first year student at the Institute. Officer Keane of Station 2, Cambridge, made the arrest.

Although the officers of the Institute have decided not to press charges, the man arrested has been expelled from Technology.

For several weeks past, students had been reporting the loss of overcoats to Manager A. W. Bridges of the Dining Service, but the authorities were unable to find the thief Suspicion of the thief was first aroused by the cashier who thought that she saw a man enter without a

Officer Keane waited in the Dining

coat but leave with a new one.

Hall Saturday afternoon in the hope that the theft would be repeated. After scrutinizing all men entering the hali carefully, he noticed that one man entered without an overcoat but less with a new one on his back. He im dediately placed the man under arres: and later succeeded in obtaining a complete confession of the thefts. Bursar Ford handled the case for lecture is at 4 o'clock in room 4-231. the Institute. The man was immediate y notified that he would be excase off the records of the Police Department. The desk sergeant at Sta-

day morning.

## STUDENT SPEAKS **BEFORE SOCIETY**

#### O. M. Hovgaard '26 to Address Electrical Engineers on The Vacuum Tube

Members of the Electrical Engineering Society will hold the first meet ing of a series of meetings to be addressed by students Friday evening, when O. M. Hovgaard '26 will speak on the uses of vacuum tubes. The place of meeting is undecided at present, but will be announced in a few

The paper which Hovgaard has prepared has to do with the application of the thermionic tube to purposes cast a concert from Station W. B. Z., other than communications. It will tell of the use of the vacuum tube as a voltmeter and in many other uses which have come up from time to time in the work of the Research Division of the Electrical Engineering Department.

Among some of these applications is that used by Mr. M. F. Gardner in producing artificial corona on an artificial transmission line. Mr. Gardner recently wrote a paper on this subject and was awarded the First Paper Prize of the American Institute of Electrical Engineers.

There are a number of other papers in preparation which will be presented by students. One of these has to do with the design and general layout of Richmond Station, the new power plant of the Philadelphia Electric Compony which has pust recently been put into service. Another will be concerned with the Institute power system, and a fourth will be a discussion of some of the economic factors entering into commercial power factor corrections.

### YALE GAME IS HEARD BY MANY IN WALKER

## Football Game Saturday

Through the courtesy of the Radio Society, many students were able to ed form given in the Technology hear the Yale-Harvard fooaball game | Handbook and must bear the signain the west Lounge of Walker Saturday afternoon. From seventy-five to acceptance of the nominee. All stuone hundred men were comfortably seated around the radio set listening ing to the class of 1927 are eligible to a play-by-play description of the annual battle between these two famous

One minute the Crimson sons could be heard rolling out their familiar yell folled by a snappy cheer from the Eli stands urging the team onward with a ,"We want a touchdown," which did not materialize. Rivalry also existed between the opposing field bands the result being a conglamoration of music, cheering and singing which nearly drowned out the announcer who was dramatically trying to be

heared through this din. All this only whetted the sport's appetite of the men and chairs were drawn up closer to the loud speaker so that the various sounds could be distinguished.

### Prominent Visitors Inspect Technology

Three prominent men, representing as many countries, were shown through Technology buildings last week by William Jackson of the Information Office.

On Wednesday, Professor Peter Philosophoff to Moscow, Russia, and Dr. B. Arakawa of Kyushu Imperial University, Japan, were shown through the buildings. Herbert R. Smith, B. E., B. Sc., School of Mines, Bendigo, Australia, visited Technology last Thursday.

According to Mr. Jackson, the visitors enjoyed the trip and were impressed with completeness of the equipment. Special interest was shown in the laboratory of the Mechanical Engineering Department. The new X-ray room in Building 4 also attracted much attention.

## TO NAME JUNIOR PROM COMMITTEE

### Announce Nominations Must Be Made Before Saturday Of This Week

A. S. Brooks '26, chairman of the Elections Committee, announces that nominations of members of the Junior class for the Junior Prom Committee must be turned in at the Information Office before 1 o'clock on Saturday, November 28. Elections will be

held Wednesday, December 2.

The date of this year's Junior Prom has been set as April 20 and arrangements are being made to hold it in the Copley Plaza Hotel.

There is to be a committee of five members of the Junior class in charge of this affair, presided over by the president of that class.

### Nominate in Approved Manner

Election of members of the Junior Prom Committee in past years has been one of the most hotly contested of student elections. It is the duty of the committee to plan and conduct the Prom which is given every year during Junior week in April. The importance of the annual social event places a great deal of responsibility upon the members of this committee in whose hands lie such matters as the choice of music and other details of arrangement.

Nominations must be of the approv ture of five sponsors as well as the dents listed in the Directory as belongfor membership on this committee.

### PROFESSOR MOORE TO ADDRESS MATH CLUB

Professor C. L. E. Moore will deliver an address on the Theory of Dimensions at a meeting of the Math Club to be held tomorrow evening at 8 o'clock in North Hall, Walker. All interested in this subject are invited to attend.

This theory was first stated and used by Fourier in his work on the flow of heat. Since this time, Lord Rayleigh recognised the usefulness of the tool and applied it to the solution of many problems.

## Research Compels Rearrangement of Lecture Course On Atomic Structure

According to Professor Max Born, of the Theory of Lattice Structure new investigations carried out at the Physics Institute of the University of Gottingen, Germany, have compelled him to re-arrange the subject matter of his lectures so as to allow a more complete presentation of the newest form of the Theory of Atomic Struc-

Today Professor Born will deliver his second lecture on the Lattice Theory of Rigid Bodies, discussing in detail the potential energy and inner forces in crystal lattices. also elasticity and Hooke's Law. The

Last Monday Professor Born delivered his introductory lecture coverpelied and efforts made to keep the ing principally the relations between mechanical, electrical and thermal energies and quantities derived theretion 2 could give no information on from. He then developed the maththe arrest when interviewed yester | matical symbols which are to be used in order to simplify the formulation

which should account for the energy relations in discussion.

In introducing the speaker, President Stratton emphasized the growing importance taken by the purely physical sciences in engineering.

### A Word of Thanks

The T. C. A. officers wish to take this opportunity of thanking most sincerely all members of the student body who contributed of their money, time and energy to make successful the T. C. A.

> (Signed) J. H. Wills '26. President, T. C. A.

## FOURTEEN COLLEGES ENTER ANNUAL CROSS **COUNTRY RUN TODAY**

## DORMITORY SMOKER | ENGINEERS LOOM WELL ATTENDED

### 300 Men Attend Affair Friday Night-J. S. Offutt '26 Wins Banner

Three hundred dormitory men attended the annual Dormitory Smoker, held in the recreation hall of the Carr ENGINEER FROSH STRONG Fastener Company last Friday evening. Judging by the enthusiasm which was shown the entertainment was well re-

An official welcome was extended to the new Dormitory men by two of the members of the Dormitory Board who were present, Dean H. P. Talbot '85 and Professor L. F. Hamilton '14, both of whom made short addresses. By popular request Professor Hamilton and Dean Talbot were obliged to sit in the front row during the entertain-

#### Entertainer Popular

Harry McGowan, a professional comedian, had been engaged to take charge of the program. He rendered several popular pieces. Miss Madeline Moore, formerly of the "Follies" and George White's "Scandals" gave a song and dance act, which, according to the smoker committee, was specially pre-pared for the occasion. The "Ramona Five" was another feature that won hearty applause. J. S. Offutt '26 was the winner of

the large Technology banner which was raffled during the evening. Although greatly pleased when his number was announced as the winner, Offutt was disconcerted almost to the point of refusing the prize when the chorus girl who presented the banner offered to have a kiss accompany it.

O. B. Denison '11, secretary of the Alumni Association, was present at the smoker. He sang several selections to his own accompaniment, including some new choruses to "The Three Brass Balls." Encores had to be given repeatedly before the audience was satisfied.

During the intern acts refreshments, consisting of sandwiches, doughnuts, and cider, were served, music was furnished by a four piece orchestra.

### Dormitory Men To Have Lunch Room In Ware Basement

### Light Midnight Lunches Will Be Served at Low Prices To Students

Dormitory men's craving for midnight meals will be satisfied shortly when a small lunch room will be set many of the favorites. He has opened in the basement of Ware Hall for their benefit. Good food at low prices has been promised by A. W. Bridges of the Walker Memorial Dining Service.

According to Professor L. F. Hamilton '14 fellowship among the students will be increased as this will be a meeting place for dormitory men only. The office of the Bursar is furnishing the funds for the venture, and thus the prices will be reduced to a minimum. Access to the room may be made from any dormitory without inconveniencing Ware Hall residents.

The enterprise is to be started in a small way and its success and enlargement will depend entirely upon the co-operation of the residents of the dormitories. It is to be run solely for the benefit of the students themselves. In the past food containers have been allowed to accumulate resulting in unsanitary conditions and in providing for this lunch room, Professor Hamilton thinks that such conditions will cease.

As the demand will be principally during the latter hours of the evening, the lunch room will open likely after nine or ten and will remain open for a couple of hours every night except Saturday.

## IN NEW ENGLAND **GROUP OF TEAMS**

Syracuse Favored to Win Race -Pittsburg Also Has Fast Team

Entrants from fourteen colleges will hear the crack of the starter's pistol today when the Intercollegiates are run over the Van Cortland Park course in the final event of the 1925 cross country season. Once again the strong Syracuse team will be favorites for the six mile canter but this year Pittsburg also is receiving some strong backing. Last season the Smoky City team crossed up all the dope when they romped home winners over Harvard and Syracuse.

If the pre-race forecast means anything, this year's run should be a real battle for the top honors. From the New England section there will be three strong competitors entered, in M. I. T., Harvard and Maine. The fight among these teams promises to be a neck and neck fight. In the New England games Tech narrowly won from the State of Maine boys, while in the dual meet between the Institute and Harvard, the Crimson just nosed out their Cambridge neighbors.

### Hillman of Maine Favorite

It is no ordinary team that Harvard is entering today. They have four real stars representing them. Tibbetts, the leader of the Crimson. finished seventh in these games last year and consequently is to be reckoned wiht the leaders this year. Red Haggerty, his running mate, has been pushing him hard all year. Luttman, the youngest of the group, proved his worth in the Tech meet when he led in the pack. Soapy Watters, the crack half miler, has finally worked himself into condition and should be well up in the running.

Maine's weakness is in not having a good fifth man. The up-state harriers have some real stars on their team. Hillman, who finished second to Smith of Yale in the Intercollegiate last year, is of course the favorite to cop the honors today. He trailed Peaslee of New Hampshire to the tape in the New Englands last week but the New Hampshire team is not entering the Nationals.

Technology will be represented by one of the strongest teams ever when Bill Rooney leads his men around the course. Bill failed to shine last Monday because he worked too hard in the early parts of the race. Today will see him right up in the running all the time if Doc Dope has the true slant on things. Mary Rick started in the N. E. I. C. A. A. meet and uptrained hard and should have a good (Continued on Page 3)

### ANNUAL CLUB DANCE IS BIG ATTRACTION

The Main Hall of Walker was the scene of the annual fall Catholic Club dance, last Friday night. One hundred and fifty couples whirled around the floor in time to the music of the Sinfonians led by "Dok" Eisenbourg. Many colleges were representered in this affair which gave it an intercollegiate color. The matrons were Mrs. J. M. Ryan and Mrs. N. A. Early with Father Quinlan, spiritual director of the club, present.

### CALENDAR

Monday, November 23 4:00-Prof. Max Born lecture on Lattice Theory of Rigid Bodies, room 4-231.

Tuesday, November 24 5:00-Christian Science Society meeting,

5:00—Christian Science Society meeting, 4-132.
 6:30—M. I. T. Chapter of the Unitarian League dinner at Unity House, 7 Park Square, Boston.
 7:45—Mining Soc. Smoker, West Lounge. VI-A Smoker, North Hall, Walker.
 9:00-10:00—Musical Club Broadcast WBZ at Hotel Brunswick.

Wednesday, November 25 Mechanical Society Elections.

**Book Notes** 

The Duttons report that the volume

in their Today and Tomorrow series

written by Dr. H. S. Jennings, of

Johns Hopkins University, "Prome-

theus, or Biology and the Advance.

ment of Man," the first of the series to be written by an American, is arous.

ing a quite wonderful response from

both scientific and general readers,

Lothrop Stoddard has written to them

that he finds it "a most interesting

declares it to be "a valuable contribu-

sanest statement of the whole here-

dítý-environment problem I have yet

man; and woman in the country could

and would read the little book not

Play Directory

acle."—Last week. By all means see CASTLE SQUARE: "Abie's Irish Rose."

We'd like to have half of Ann Nichols royalties!

COLONIAL: "Stepping Stones."-A good

COPLEY: "The Creaking Chair."-Con-

HOLLIS: "The School for Scandal."-

NEW PARK: "The Dark."—Not unlike "The Cobra" by the same author.

PLYMOUTH: "Beware of Widows."— Madge Kennedy in a sparkling comedy,

REPERTORY: "Rip Van Winkle."-The

SHUBERT: "The Student Prince."—Still

Charming comedy of manners revived.

clean show. Last week

famous old play.

going strong.

tinues to amuse and mystify

Edwin Bjork

ences and eugenics."

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SUBSCRIPTION PRICE, \$2.50 PER YEAR Published every Monday, Wednesday and Friday during the college year Entered as Second Class Matter at the Boston Post Office Member of Eastern Intercollegiate Newspaper Association

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T IS reported that a majority of the residents in the Technology dormitories signed the petition circulated among them last week asking that the management of the Walker Memorial dining service attempt to improve the quality and the variety of the food served there. Since nearly every dormitory man takes all his meals in Walker except for an occasional trip either across Massachusetts Avenue or into Boston, the dormitories feel that they are in a position to judge the meals served there, and the committee is taking this method of sounding out the entire group on this

On the contrary, men who eat 20 out of 21 meals in an impersonal atmosphere where 2000 meals a day are served, men who know every warped tray and every bent fork, are in no position to pass impartial criticism upon the variety of the food placed before them. The monotony of the surroundings and the service the artistic "prattle" of his wife's cir- But Cherry is incapable of love and soon become apparent and this monotony is readily attributed to a lack of variety in the food. Besides, food prepared in large quantities loses its individuality—the touch of the cook is lost and cooking becomes a feat of chemical engineering rather than a work of art. This is no defect of the Walker cafeteria, but rather a defect produced in the present day system of feeding a large number of persons at a low cost. Nothing can be done to remove these difficulties unless the plan of mass feeding be abandoned, and the number of men accommodated reduced to at least one-eighth with a concomitant increase in the cost of giving service, a change highly impractical for many reasons. Dormitory residents are thus led to conclusions concerning the food served in Walker that are not justifiable when comparison is made with other cafeterias serving the same number of persons each day, conclusions that do not express the opinions of the remainder of the student body who eat there occasionally.

In common with the weather, food is a common topic for bromidic conversation. College men in particular are prone to listen to and to pass on, rumors concerning the food they cattrivial grievance soon becomes a terrible atrocity when bandied about in a "bull session." Presenting a petition to the entire group is perhaps the best way of sounding out the opinion on this question, although the committee in charge must realize before they present their case, that the "follow-the-leader" spirit vitiates the posal that the United States partici- World Court, although it may have value of this poll. It must also realize that dormitory men are not in a position to view the situation in its true perspective and it must assure itself that its complaint is founded upon fact and is not offered in a spirit of revenge or spite.

### NORMAL STUDENTS

NCE in a while the cry is raised that college students devote too much time to pleasure and not enough to studies. Only a few weeks ago Dr. A. C. Little, being inaugurated as president of the University of Michigan, declared that the time in college should be devoted to studies and athletics; that there is not time to do this and at the same time try, as do so many college students, at the same time to acquire a social education.

At Technology, the cry is frequently on the other side—that students here are too serious, and that too close application to studies without sufficient recreation is harmful. With arguments equally strong on both sides, how can we discover what is the true situation?

There are always a few in any group of students who are more devoted to studies than the rest; and a few who are more inclined to pleasure. Since these men are the most conspicuous, they are taken as representative by the great mass of the people. The newspapers help in this by printing stories only about the more narrow students—the grinds and the pleasure seekers. And most of present-day America gets its facts and its opinions from the newspapers.

The average man, at the Institute or at almost any other college is usually primarily interested in his studies, or he would not have entered. He must devote considerable time to them, or he could not remain in school. But no man can apply himself exclusively to the task of acquiring an education without becoming narrow; and therefore the average student attends a few shows, goes to dances occasionally, perhaps creates a little disturbance occasionally-most college students are young, and have the natural exuberance of youth—but he does not go to extremes in either direction.

## —THE TECH BOOK LIST—

The following books have been carefully chosen by the editors of this publication with the assistance of the publishers as being of interest and import to our readers. It is not purposed to discuss books of a scientific nature but ones of amusing and cultural value. Additional information concerning such books will be furnished upon request.

wood Anderson. New York, Boni & Liveright. \$2.50.

Dark Laughter, the laughter of the falsity of the world. The laughter of negro women, without moral sense, watching a white man and white woman fulfill their destiny. The laughter of the husband who knows he has failed, at the wife who thinks she has succeeded!

No one but Sherwood Anderson could have written such a book. It is a story told from the inside: the minds of men and women are revealed to us, and we read their secret thoughts: Stockton, cynically amused at the Sunday feature stories of Bernice, with their nonchalant use of words, himself hoping gradually to acquire skill to handle words as Sponge Martin dextrously handles his paint brush; Aline yearning with suppressed desires; Fred, willing to forgive his wife unfaithfulness or anything else if only he, the proud representative of the great Grey family, ned not wear a pair of horns before the town.

Winesburg, Ohio, was of startling quality. In Dark Laughter, Anderson has surpassed his earlier book nearly as much as that book surpassed the average "best seller." But a couple of months old, it has already received wide acclaim; and it has been enthusiastically praised by two men as distinguished and as opposite in point of view as H. L. Mencken and Stuart

Anderson has the power to make us see, and feel too. We see vividly the women, through whom their race is with the footman John.

America has set up as its ideal a novel that will be perfect in every sciously searching-tranquillity. detail and will truthfully present some dominant feature of American anything that has yet been written.

DARK LAUGHTER, a novel by Sher-THE NAKED MAN, by Vere Hutchinson. New York: The Century Co. \$2.00.

Vere Hutchinson has drawn in an young men, sick of pretense, sick of admirably thorough manner the character of Luke Baddock and of the women who glide in and out of his futile life. After reading the book final, somnolent happiness. Certainly the life and lusts of a thoroughly ordinary and thoroughly dull emancipated coal-miner are not of such interest that three-hundred-odd pages are needed to set them forth, and however cleverly his character may be drawn there is no more literary art in the delineation than there is in a right-angled triangle. Luke Baddock drifts through life in a blind, groping but he is taken away and goes to work theoretical "Great American Novel," a found that for which he was uncon-

"The Gentleman wth a Duster" has life. And keeping in mind the work been silent on politics for over two of Cooper, Hawthorne, Howells, Drie- | years now, but this month Putmans ser Lewis, and a host of others better are publishig his most recent book. and worse, it is the opinion of this | The State of England, in which he exreviewer that Dark Laughter makes as plains his reasons for believing that fine a gesture toward that ideal as Great Britain is upon the verge of a <sup>l</sup> moral and economic collapse.

the League of Nations. We want to

the only Great Power on the bench

of the Court which is not a member

(Continued on Page 4)

### SPECIAL DINNER 11 TO 2 uaay

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and stimulating book." Prof. H. H. Newman, of the University of Chicago, calls it "most illuminating" and considers it "at once the clearest and one is left with a knowledge of the the most advanced statement of the two women and the man who make up relation of heredity and environment," the story—but also with a question. Of Prof. George H. Shull of Princeton what importance is one man's emotions, one man's desires, one man's University says that it is "readable and intensely interesting" and "a timely presentation of the attitude of the most advanced workers in genetics at the present time." Prof. E. B. Babcock, of the University of California, tion to the general literature of biology and particularly to the social sciman writes that "It is the best and search for happiness. He thinks he come across. I wish every thinking has found that stagnant happiness on the farm where he is sent as a boy, only once but several times." . .... in the mines. He thinks he has found it in Jennie, but she passes out of his his life, and one day, on impulse, he asks Maggie, his landlady at Coatsbridge, to marry him. She accepts and becomes his wife, not loved but rather negatively pleasing to him. Soon after he becomes heir to the BOSTON OPERA HOUSE: "The Mirfarm, Riddings, and again he thinks he has found the happiness he is seeking-not entire happiness, to be sure, for he lacks a son and a woman to love and desire. Maggie realizes this, and his resentment toward her for not bearing him a son. She deserts him out of love, so that he can marry Cherry, a girl who helped at the MAJESTIC: "Artists and Models."—Not so hot. See it in New York. life of the Mississippi valley; negro farm. Luke, still stupid and cowardlongshoremen with glistening black ly, still fearful that he will never bodies; a crazy man, three-quarters gain the happiness he is selfishly strivwhite, sitting on the levee; the negro ing for, marries the careless, irresponsible Cherry. Out of this there gradually to approach the white. And comes to him a son and again he we feel the disgust of Stockton for thinks that he has reached his goal. TREMONT: "George White's Scandals."
—Musical Revue; opens tonight.
WILBUR: "Old English."—Principally
George Arliss—hence good. cle; the pain of Rose that with all so deserts him, his son dies, Riddings else mad and muddy at the Quat'z is lost to him through his reckless Arts Ball, she should have escaped; handling, and again the will-o-thethe Strindburgian "life instinct" of wisp he seeks is fled. But he returns Aline, playing with the gardener. to Riddings as manager for the new Bruce, as Strindburg's Miss Julie plays owner-no more responsibility. Maggie returns to him-a woman to love him and care for him. At last he has

## World Court In Colleges Should Be Academic Issue Not A Political One

Those who are opposed to the pro-! 1. We want to be sure that the pate immediately and without condibeen created as a result of an article tions in the work of the World Court, in the League Covenant, is not an orthus becoming a member state, are ac- gan of or dependent in any way upon cused of being isolationists, of working against world peace, and of being be sure that our entry into the World unwilling to substitute law for war. Court will not commit us, even indi-Nothing could be more unfounded and | rectly, to the endorsement of or guarfoolish than this accusation. It be-anteeing League policies. This is far trays a tragic lack of objectivity on more important than it seems on the the part of most of the propagandists surface. The European Powers which for the World Court. They are under control the Council of the League of the spell of a great idea; to them the Nations submit to the World Court World Court issue has become the only questions which they cannot setsymbol and test of America's willing I tle themselves or for which they want ness to co-operate with other nations a wide international "moral underin the effort to diminish the chances writing" of the decision. We should be of war. Being in this subjective frame of mind they are impatient with those who insist upon examining the World of the League Council. When our Court proposal without parti pris.

Herein lies the danger. Instead of educating public opinion the World Court propagandists are endeavoring to stampede it. From senate chamber to college mass meeting the World Court issue is being presented as the great choice between following the path toward peace or the path toward war. In the Senate and in public mass meetings, if the World Court is a political issue, as it seems to be, that is all right. In the colleges it is all wrong. College students should be kept free of mass meetings and propaganda on this question. It should remain an academic question - mark the word!

The entry of the United States into the World Court may be a wise thing and it may help the cause of world peace. But only if the American people have first-not afterwards, but first-made definite stipulations governing their participation in the tribunal and have had these stipulations understood and accepted by the other

## FOURTEEN ENTRIES IN I. C. A. A. A. Soccer Team Has Easy Time Defeating Clark in Fast Game Saturday

**TECHNOLOGY FROSH** RULED FAVORITES IN TODAY'S RACE

M. I. T., Harvard, and Maine Are Strong Entrants From New England

SYRACUSE IS FAVORITE

The Orange Will Be Pushed By Pittsburg In Big Race At New York

(Continued from Page 1)

day today. Akerley has done some great running for the Engineers this year and together with Ed Chute and Pete Kirwin will make the going hot for many a distance man today. Don Hooper and Smith will complete the Varsity entries in the big race.

Institute Frosh Strong

a little shy on material this fall and so great things are not expected of either. Cornell and Columbia are banking a lot on new men to carry thm through. Princeton, Rutgers, Georgetown, Pennsylvania, and the C. C. N. Y. complete the list of colleges competing.

In the freshman race the Tech yearlings stand out as about the strongest team entered. The Engineers have a great little team of runners this year. Norm McClintock is the last word in New England frosh distance running. It will have to be a second Paavo Nurmi to pass the Reading lad today. Payson is another star whose work has been somewhat dimmed by that of his captain. Worthen, Burgess and Jack Hallahan are the other Tech favorites to come through, although Walters and Sol Horwitz may spill the

The Harvard frosh will be strong competitors of Tech. They hold one: verdict already over the Engineers, having won in a dual meet by the narrow margin of two points. Wildes is perhaps the biggest threat of the Crimson, with Flacksman ranking next. Syracuse and Maine have real formidable teams. The Maine hill and dalers finished second in the New England Intercollegiates. There is no outstanding star on the Maine team but they have five men that can keep in a pretty close group.

Boxing and wrestling have been drawing quite a few of the heavier crew men that are using this means to keep in condition during the win-

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Entrants in Today's Race



Left: Capt. Bill Rooney who leads the Engineers

today.

Right: Bill Tibbetts, of Harvard, favored for individual honors.



## Yale and Dartmouth both have been HOCKEY MATERIAL IN SPLENDID FORM

Have All Last Year's Squad But Two-First Game in Two Weeks

On looking over the hockey candidates that are over in the Arena three nights a week, it seems quite certain that Technology's hockey representatives will reap the benefits of a banner season.

With only a little over a week of practice, it is next to impossible to pick the wheat from the chaff. Coach Bill Stewart is putting the men through some stiff paces in order to mould out a first class team in the short period of two weeks. The reason for this is that the first game on the schedule is slated for December 8 with the Boston University puck chasers. Coach Stewart is anxious to capture this game, and will leave no obstacle unturned in annex- proposition on their hands. ing the affair.

Last Year's Stars Back

Manager Carroll is trying to arrange with the owners of the Arena to have practice in the morning from seven to eight instead of from six to seven in the evening. The former period agrees more with the candidates than the latter.

As has been previously stated no team has yet been selected by Coach Stewart, as he is giving every aspirant a fair trial and is highly elated with the work of both squads, Varsity and freshmen. Of last year's Varsity there are the following: Captain Johnny Deignan at the goal, Randall, one of the wings, Bill Berkeley and Deke Crandall on the defense. It is not known who will supplant excaptain Niles who starred at wing last season as the competition is so keen among last year's substitutes. Another vacancy is at center which was left by Bill Morton. The most likely candidate who seems able to fill the vacancy at center is Meade, captain of last year's frosh sextet. He is a player of natural ability, his speed and stickwork featuring the frosh offense last season. Coach Stewart is expecting big things from him.

Practice is yet in its preliminary stages as the men require time to get accustomed to the ice. The practice so far consists mainly of handling the stick, shooting goals, and in the development of the passing game. This week the men will get their first scrimmage. Practice is held at the Arena, on Monday, Wednesday and Friday evenings at six o'clock.

### ALL CLASSES STRONG IN INTERCLASS SWIM

With the interest shown in swimming this year, the competition in the interclass swim should be keener than ever. Last year all of the competition was between the frosh and the Sophs; the Juniors and Seniors turning out in very poor numbers .Although the preliminary dope favors a further continuation of last years' rivalry between the classes of 1927 and 1928, the frosh and Seniors will have sufficient strength to make the affair interesting.

It is almost a certainty that the frosh and Seniors will be a big factor in determining the winner this year. as it will be the points they win and prevent the Sophs and Juniors from capturing that will determine the final

1923

1924

Syracuse

Pittsburg

## **BASKETBALL SQUAD** SHOWS PROMISE IN INITIAL WORKOUT

Team Takes On Whirlwinds in Practice Game Last Wednesday

HINCK INDIVIDUAL STAR

During the past week the hangar has been the scene of much activity. After the Varsity basketball term had trampled all over the second team posing goalie. Enger was handicapped for the past few weeks, Coach Mc-Carthy decided to secure some real opposition for his charges. The result of his efforts was to secure the Boston Whirlwinds for practice games Monday and Wednesday. The Whirlwinds are rated as one of the fastest quintets in New England basketball circles so the Tech boys had a tough

The team that first took the floor against the visitors was composed of Capt. Forrester and Estes as forwards, Ernie Hinck and Jake Innerasky guards, with Jud Biehle in center. The score of the game was close with the Whirlwinds having the edge due to their greater experience and superior passing game. The score at the end of the regular playing period was 36 to 24 with Tech on the short end. The score was kept down on account of the great guarding game of Hinck. Ernie was all over the floor breaking up the opposing team's pass work and he also helped on the offense by ringing in a few counters to help things along. Estes also gave an excellent account himself and promises to be a big help to the team in the future. He, together with Capt. Forrester and Hinck. displayed the best teamwork on the part of the Engineers.

Team in Good Shape

Coach McCarthy believed in giving everyone a chance to display his ability so that every candidate had a chance to enter the fray. Of the other Timmerman showed real class on the the team into shape.

and kicking.

Clark Ties Score

Clark started off the second half by working the ball down into Technology's territory but Young gave the ball one of his customary long boots and the ball remained in th opposite end of the field for some time. On practically every kick made by roung the ball traveled 40 yards or more. His husky right foot reversed the di-

Simmonds knotted the score by booting the ball past Lin on a beau-

floor. Brockelman is a freshman but is one of the best players out for the sport. It is the team's misfortune that he is ineligible for the team this

The team is to be congratulated on their excellent showing and should give a good account of themselves in intercollegiate contests. The men are showing wonderful spirit and deserve the support of the entire student body. Mr. A. Carthy should receive his share of any credit that is being given for men Umbenhauer, Brockelman and the rapid way in which he whipped

## Martinez, Germain, Enger Score for the Engineers

Larger Score Prevented By tiful line drive but the ball had hard Defensive Work Of Clark Goalie

Outplaying the Clark University team all through the game, the Engineer soccer team ran wild Saturday afternoon on Tech Field and chalked up a score of 3 to 1 against the Worcesterites. The score is not a true indication of the superiority of the Beavers as they literally bombarded most of the shots being killed by the stellar work of Sachs, Clark goal

Enger, Germain, and Martinez made all of Technology's scores in the order named, the last two coming in the second period, Simmonds registered the only counter for Clark. Martinez was the individual star for the Engineers with his accurate passing and clever footwork which outwitted the opponents on many occasions. Captain Arana and Young also played in top form and were continually breaking up the passing of the opponents.

Half Ends 1-0

During the first period the ball was in Clark's territory most of the time and the opposisng goal tender was H kept busy warding off the thrusts of the Technology forwards. Lin, the Engineer goalie, had a hard time keeping warm, getting his hands on the ball but once in this period. Enger made the first score for the Engineers about the middle of the first half on a high boot which dropped down into the goal out of reach of the opthroughout the game by a leg injury received earlier in the season which bothered him both in running

Accurate passing featured the work of the Engineer forwards in both some other winter sport, giving Bill periods but only once could the ball Haines a chance to get the freshmen be maneuvered between the uprights in the first half. The period ended with the score 1 to 0.

rection of the ball many times.

ly been put into play again when Germain, in a half crouched position, shot the ball past the Clark goalie after an opposing guard had hurried his kick. This made the score 2 to 1 in favor of the Beavers. Several times in this half Martinez

fouled by touching the ball with his hand; he seemed a bit overanxious. He made up for these errors, however, when he made the final score on a neat kick after some clever maneuvering to get the ball into position. The the Clark goal posts with the ball, Clark goal tender was busy for the rest of the game keeping the ball away from the uprights but the game ended before another score could be

Freddie Moe did not play up to his standard, missing several easy kicks completely, which is unusual for this boy. Badger also missed a number of good chances.

The lineup:

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Doc Connors is taking great pains with Hank Steinbrenner, priming him for the hurdle title. Doc feels that Hank has a fine chance of capturing this event this year, and even stopped the Tech-Technique game to drag the reluctant hurdler from the 'Snique

Now that the cold days of Fall have approached, the crew men have withdrawn to the shelter of the boathouse and to work on the machines. Most of the Varsity crew are going out for in condition by Spring.

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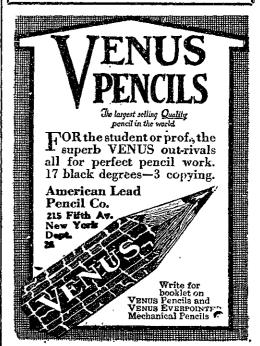
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58

Former Harrier Winners

Dresser, Cornell Romin, Penn. State Brown, Cornell. Higgins, Columbia Booth, Johns Hopkins Simmons, Syracuse Smith, Yale

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### DYNAMITE FILM IS **SHOWN HERE FRIDAY**

### Du Pont Film Shows Methods Of Producing and Using Explosive

Last Friday afternoon in 10-250 at 4 o'clock, the Organic Division of the Department of Chemistry showed the six reel film obtained from E. I. du Pont de Nemours Company on the manufacture of dynamite. In addi-sided. tion to the manufacturing processes, the film showed the sources of a good many of the products used, and the finished product.

The film first gave a series of scenes about the large du Pont plant at Repauno, N. J., showing all the administrative buildings, the machines shops and laboratories in a safety zone apartfrom the buildings where the manufacture of explosives is carried on.

### All Buildings Barricaded

All such buildings are carefully barricaded, being surrounded with large piles of earth, and growths of trees. The method of bringing sodium nitrate from Chile was then shown, as well as the method of procuring wood pulp and other raw products.

The finished product is run through a series of tests, such as determining the composition, the speed of discharge, and the strength of the powder. Many precautions are taken in shipping the explosive and in distributing it to consumers, such as providing special bracing of the cases in

freight cars designed for safe transit. Several scenes were shown describing the methods of setting and firing different kinds of explosives under different conditions. The safety method used in coal and iron mines and the means of dynamiting under water were illustrated in detail.

### WORLD COURT IS AN ACADEMIC ISSUE

(Continued from Page 2)

representative is simply a judge help-. ing to render the verdict in accordance with the evidence, or the technicalities of the law, is it not possible to suppose, unless the contrary is clearly understood before we enter the Court, that his vote may be taken to imply the approval or disapproval of the United States in some question that it is to our interest to avoid getting mixed up with?

2. We want to be sure that membership in the Court cannot be used either (a) to bring this country before the bar of the World Court in the settlement of a question that we do not care to submit to it, or (b) to marshal world-wide public opinion against us in case we have refused to submit a moot question to the Court.

3. We want to be sure that our membership in the Court will not result in an effort on the part of countries outside the western hemisphere to bring before the World Court international questions in which the vital interests of North or South American countries are affected.

In short, in connection with the World Court as with the League, God give us the wisdom to act in such a manner that the famous question of Moliere need never be asked of the United States: "Pourquoi est-il alle

#### dans cette galere?" HERBERT ADAMS GIBBONS,

A.B., M.A., Ph.D., B.D., Hon. Litt.D. (Professor of History and Political Economy. Correspondent of New York Herald in Turkey, Egypt, Balkan States and France, 1908-1918. Correspondent of Century and Harper's in Europe, 1914-1919. American Lecturer for French Foreign Affairs Ministry, in France, 1917-1918. Author of "France and Ourselves," "An Introduction to World Politics," "Ameria's Place in the World," etc.)

—Yale Daily News.

### VI-A Men Meet Friday Morning to Discuss Activities For Coming Year

### Profesor W.H. Timbie Presides -Hold Smoker Tomorrow Evening

A first meeting of the men of Course VI-A was held last Friday at 10 o'clock in room 10-250 for the purpose of drawing up plans for the activities of the year, Professor W. H. Timbie pre-

At this meeting the publication of the VI-A News was discussed. The VI-A News is the official newspaper methods of distributing and using the of that course and is published every other week by a committee of students known as the VI-A News Board. It was explained that the subject matter of the paper consists largely of letters written by graduates of this course who have been successful in the business world. It is designed to give the readers an idea of the problems which they are liable to meet af ter leaving school.

### Hold Smoker Tomorrow Evening

Through this sheet Alumni of the course are able to keep in touch with the students to a certain extent and are able to give them advice on matters such as securing a job after graduation. Course VI-A also puts out an annual publication known as "Sparks" which is more of a class year book and devoted to the doings of the students at the Institute and in the various plants.

Another topic of discussion at the meeting was the first smoker of the year, which, it was decided would be held in North Hall, Walker, tomorrow evening. The speaker has not as yet been announced.

Frequent meetings of this sort will be held throughout the year for the up any difficulties which the men by Dec. 1 unless called for. may encounter in their training here and at the various works. At this meeting it was voted to send flowers and books to L. W. Olsen, a graduate student of this course, who is in the hospital due to a sudden attack of appendicitis. Members of the course who have visited him in the hospital report that he is recovering rapidly.

### Intercollegiates

Princeton College has officially decided to enter the Eastern Intercollegiate Debate League, according to announcement made by E. S. Noble of Amherst, who is president of the league. Princeton will take the place of Columbia which resigned in order to do more extensive foreign debating.

Syracuse University is attempting to raise the standards of American college serio-comic publications by publishing a new comic paper. "The Salt Shaker." This magazine is to be published five times a year and will fill in the gap in the list of Syracuse publications made vacant by the suspension of the "Orange Peel" which discontinued publication some years ago. The new magazine will be essentially different from most college comics. Its purpose will be to present the humorous side of college life through the departments of literature and art and at the same time avoid the cheapness and vulgarity that dominate some college publications.

A radical change in football custom was made this year in the Brown-Boston University game when the stop-watch was discarded and the game was run on the basis of forty plays per period.

A unique club has been formed at the University of Oregon. To be admitted as a member, a candidate must have been a substitute on the football team for one whole season without once leaving the bench to participate in a game.

### Stylus Elects

Stylus takes pleasure in announcing the following elections: J. D Crawford '27, H. P. Ferguson '27, George Gerst '27, E. J. Gohr '26, J. B. Goldberg '26, I. L. Hopkins '27, G. C. Houston '27, J. H. Melhado '27, W. H. Reed '27, R. E. Smith '26. and E. L. Welcyng '27.

### **TO ANNOUNCE PLANS** FOR TECH SHOW SOON

Finals plans for the Tech Show trip will be announced soon, according to M. A. Collins '27, publicity manager. During the Thanksgiving holiday H. M. Boardman '26 will visit Rochester, N. J., for the purpose of determining whether this city will be included in the itinerary of this year's show If a satisfactory arrangement can be made the trip will be longer than has been customarv

### HEYMANS SPEAKER AT MONTREAL INSTITUTE

Profesor Paul Heymans returned today from Montreal where he lectur-"Some Recent Analyses by Means of! Christmas Party on December 18.

the Photo-elastic Method," on Thursday. On Friday he delivered a lecture on "Two Methods for Measuding Short Intervals of Time," before the Sigma Xi and the Canadian Physical Society.

### MUSICAL CLUBS WILL **BROADCAST FROM WBZ**

(Continued from Page 1)

arrangements of the latest dance numbers. D. E. Sullivan '26 has been made assistant leader of the Jazz Band to succeed Richard Whiting '27 who resigned due to pressure of

Singing of the Stein Song will bring to a close the concert which is scheduled to end about 10:20. The management announces that all members of the clubs should be at the Hotel Brunswick not later than 8:40 as broadcast starts at 9 o'clock sharp.

The next concert of the clubs is on November 30 at the Edison Light Service Grounds at Massachusetts Ave-lages of the prisoners range from 18 nue near Edward Everett Square. This to 60 years, and their learning ability affair is under the auspices of the Edison Club. Dancing has been arranged after the concert.

During the week of December 6 the combined clubs are to play at Gordon's Capitol Theatre on Commonwealth Avenue. Two of the clubs will play on the even nights and the other two clubs on the other nights. ed at the Engineering Institute on This is the last concert before the

## **TECHNOLOGY MEN** TEACH PRISONERS

### Six Institute Students Are Now Actively Engaged in The Work

Under the industrial service division of the Technology Christian Association, headed by Edward Hartshorn '28, much work is now being done along the lines of teaching at Middlesex County Jail.

This teaching service is in charge of Mr. Gerry of the Cambridge Y. M. ·C. A., who arranges all of the details of the classes at the jail. Classes are held Monday, Tuesday, Wednesday and Friday from 3 to 4 o'clock and from 20 to 25 prisoners are being taught. The ranges from just beginning to read and write to seventh grade grammar school work.

There are now six men from Technology doing actual teaching at the jail: D. W. Crawford '28, A. H. Pearsall '28, A. L. Willis '26, H. N. Gold 28, D. A. Rosenthal '27, and R. D. Wisburn '29. These men put in one hour per week instructing the prisoners, who are divided into four classeses. Class A is composed of men having the equivalent of sixth grade education; class B, fourth to fifth grades; class C, those who read and write; and class D, men just beginning to learn how to read and write.

There are openings for several men to teach on Mondays and Wednesdays. Nominations for members of the and any men desiring to help in this service should report at the T. C. A. office. According to C. C. Shotts, social secretary, this work is very valnable training, not only in teaching but along criminal psychology and sociological lines.

## Notices and Announcements

### **OFFICIAL**

### DYNAMO LABORATORY REPORTS

formed in the dynamo laboratory pre-

### UNDERGRADUATE

FRESHMAN BASKETBALL ASSISTANTS

Competition is now open for fresh man assistant manager of basketball. Report in Hangar any night at 5 o'clock. Three men are wanted.

### T. C. A. EMPLOYMENT BUREAU

No man whose schedule does not appear on his application card will receive any work from this Bureau. We want to be fair and will co-operate to the fullest extent with those who keep their schedule, address and telephone numbers up to date.

### MATH CLUB

Professor C. E. Moore of the Hall Walker. Everybody interested is invited.

### UNITARIAN LAYMEN'S LEAGUE

M. I .T. Chapter of the Unitarian Laymen's League will hold its monthly dinner at Unity House, 7 Park Square, Boston on Tuesday, November 24, at 6:30 P. M. Albert C. Dieffenback, editor of the Christian Register, will be the speaker. All interested are cordially invited.

### NOTICE

Freshman competition for the Walker Memorial Committee will start November 30 on which date schedule cards are to be left in the office. There will be a meeting of the candidates in the Committee Room of the Walker Memorial Building at 5:00 o'clock, Tuesday, December 1.

This competition ends on December 18 at which time three Freshman will be chosen for the committee.

### JUNIOR PROM ELECTIONS

Junior Prom Committee of the class All reports on experiments per- of 1927 are due in the Information Office before 1 o'clock Saturday, Novempurpose of talking over and clearing vious to this term will be destroyed ber 28. Elections will be held Wednesday, December 2.

### T. C. A. HANDBOOKS A limited number of this year's

paper covered handbooks are available at the T. C. A. office for those who have not yet received them.

### FREE LANCES

All T. C. A. Drive Free Lances who have not reported final subscriptions will please do so at their earliest convenience in the T. C. A. office.

### CHRISTIAN SCIENCE SOCIETY

There will be a meeting of the Christian Science Society in room 4-132 tomorrow, at 5.

### MINING SOCIETY SMOKER

There will be a Mining Society mathematics department will speak on Smoker tomorrow evening at 7: "Dimensional Analysis" Tuesday eve. 45 P. M., in the West Lounge of "Dimensional Analysis" Tuesday even 45 P. M., in the West Lounge of ning, November 24, at 8 P. M. North Walker. A. E. Wheeler, Consulting Metallurgical Engineer, will give a description of some travels in South Africa illustrated by slides.

### MANDOLIN CLUB

Wanted-A clarinet player, report at rehearsals Wednesdays or Fridays in 10-250 at 5 o'clock.

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